



SP Top SL [basic]

- Mould Control Restoration Plaster -

Capillary active, climate-regulating plaster, in particular for mould control

Colour	Availability	
	Quantity per pallet	35
	Size / Quantity	20 kg
	Type of container	Paper bag
	Container code	20
	Art. no.	
antique white (inherent colour)	1050	■

Application rate

Approx. 5.6 kg/m²/cm layer thickness

Apply to a large enough trial area to determine the precise amount required.



Range of use



- Repair, renovation and restoration of damp walls and floors that are susceptible to mould infestation
- Humidity regulation indoors
- Improving the energy performance of exterior walls

Property profile

- Diffusion open and capillary active
- High proportion of capillary condensation capable pore volume
- Thermally insulating
- Two-layer application thickness up to 50 mm
- High sulphate resistance and low active alkali content (SR/NA)
- Machine workable

Characteristic data of the product



Layer thickness	Single layer up to 20 mm Two layers up to 50 mm
Bulk density	Approx. 0.7 kg/dm ³
Compressive strength class	CS I (average 1.5 N/mm ²)
Water requirement	6.5-6.8 l / 20 kg
Capillary water uptake	> 1 kg/m ²
Reaction to fire	Class A1
Maximum grain size	≤ 2 mm
Mortar group (DIN 18550-2)	P II

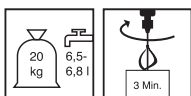
The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

- Possible system products
- [Tex 6.5/100 \(0236\)](#)
 - [SP Prep \(0400\)](#)
 - [SL Fill Q2 \(2996\)](#)
 - [SL Fill Q3 \(2997\)](#)
 - [Color Si \(0237\)](#)
 - [WP Top ^{\[basic\]} \(0428\)](#)

Preparation

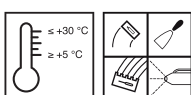
- **Substrate requirements**
Clean, dust-free and capable of supporting a load.
- **Substrate preparation**
Pre-wet absorbent substrates so that they are slightly damp.
Substrate: absorbent
Apply SP Prep as a bonding layer in a network pattern (covering 50-70% of the surface) at a layer thickness of max. 5 mm.
Alternative: apply product as a scratch coat (contact layer).
Substrate: weakly absorbent
Apply SP Prep so that it fully covers the surface (100%) at a layer thickness of max. 5 mm.
Alternative: apply product as a scratch coat (contact layer).
Substrate: WP Top^[basic] with surface prepared with grated scraper in the [basic] interior waterproofing system
Alternative: apply product as a scratch coat (contact layer).

Production of the mixture



- **Mixing**
Pour water into a clean container and add dry mortar.
Mix thoroughly with a mixer for approx. 3 minutes until homogeneous.
If using a rendering machine, the corresponding water control value must be determined on site.

Directions



- **Conditions for use**
Temperature of the material, air and substrate: from min. +5 °C to max. +30 °C.
Low temperatures increase, while high temperatures decrease the working and setting time.



■ **Working time (+20 °C)**

Approx. 30 minutes

Apply product using a suitable tool or machine.

Level off surface with a long float.

Finish the surface once set.

If applying an additional coating, use a grated scraper to roughen the surface once it is sufficiently dry.

Waiting time before application of further layers: 3 days.

One-layer

Single layer thickness up to 20 mm.

Two-layer

Layer thickness per coat 10 - 20 mm.

Layer thickness up to 30 mm wet-on -wet.

Layer thickness 30-50 mm, apply second layer once the first is sufficiently dry (approx. 12-24 hours).

Roughen the first layer with a render comb.

Tips on use

Once it has hardened, mortar must not be made workable again by adding either water or more wet mortar.

On critical substrates (highly uneven, fissured, mixed masonry) we recommend incorporating the reinforcement fabric in the upper third of the restoration render.

Apply additional diagonal reinforcement to the edges of building openings.

Protect wet mortar surfaces against frost, rain and drying out too quickly for at least 4 days.

Hairline/shrinkage cracks are safe and are not cause for complaint as they do not impair the properties of the mortar.

To ensure that the renovation is successful, the relevant drying conditions according to WTA Code of Practice 2-9-20/D must be met.

Please contact Remmers Technical Service (phone +49 5432 83900) before applying with machine processing.

Notes

The mixing water must be of drinking water quality.

Low chromate content in accordance with Directive 2003/53/EC.

May contain traces of pyrite (iron sulphide).

Do not use on gypsum-based substrates.

The characteristic data of the product were calculated under laboratory conditions at 20°C and 65% relative humidity.

Deviations from applicable regulations must be agreed separately.

The relevant test certificates must be observed when planning and carrying out work.

Tools / Cleaning

Mixing tool, trowel, smoothing trowel, wooden disc, sponge float



Clean tools with water while the material is still fresh.

Storage / Shelf life

If stored in an unopened container and in a dry place, the product will keep for approx. 12 months.





Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

Personal protective equipment

Respiratory protection with at least an A/P2 combination filter must be worn during spraying, together with safety goggles. Wear suitable protective gloves and clothing.

Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

Declaration of performance

➤ **Declaration of performance**

Declaration of conformity



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CE 07 / UKCA 21

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1050

Designed rendering/plastering mortar with a dry hardened density $\leq 1300 \text{ kg/m}^3$

Reaction to fire	class A1
Adhesion:	$\geq 0.08 \text{ N/mm}^2$ (fracture pattern B)
Water absorption:	W0
Water vapour permeability:	$\mu \leq 8$
Thermal conductivity (λ 10 dry):	$\leq 0.15 \text{ W/(mK)}$ for P=50 %
Durability (against freeze-thaw):	Resistant, by use acc. TDS
Dangerous substances:	NPD

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.